

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (previously presented): A method of manufacturing a radiation image conversion panel in which a stimutable phosphor-containing coating solution, which contains at least a stimutable phosphor and a binder, is applied to a support by use of an extrusion coater such that the film thickness of a coated film of this stimutable phosphor-containing coating solution is in the range of from 300 to 800 μm .

3. (original): A method of manufacturing a radiation image conversion panel according to claim 1, wherein at least one of the support and the extrusion coater is moved, and the speed of the movement is from 0.5 to 50 m/min.

5. (original): A method of manufacturing a radiation image conversion panel according to claim 1, wherein the viscosity of the stimutable phosphor-containing coating solution is from 1 to 10 Pa·s.

7. (original): A method of manufacturing a radiation image conversion panel according to claim 3, wherein the viscosity of the stimutable phosphor-containing coating solution is from 1 to 10 Pa·s.

Claims 17-18 (cancelled).

20. (previously presented): A method of manufacturing a radiation image conversion plane according to claim 1, wherein a speed of movement of the support is in the range of from 0.5 to 5 m/min.

22. (previously presented): A method of manufacturing radiation image conversion panel in which a stimuable phosphor-containing coating solution, which contains at least a stimuable phosphor and a binder, is applied to a support by use of an extrusion coater such that the film thickness of a coated film of the stimuable phosphor-containing coating solution is 100 μm or more,

wherein the stimuable phosphor-containing coating solution is applied such tat a gap A (μm) between a discharge opening at the tip of the extrusion coater and the support, and the film thickness B (μm) of the coated film of this stimuable phosphor-containing coating solution satisfy the following relational expression

$$0.80 \times B + 110 \leq A \leq 1.05 \times B + 130.$$

23. (previously presented): A method of manufacturing a radiation image conversion panel in which a stimuable phosphor-containing coating solution, which contains at least a stimuable phosphor and a binder, is applied to a support by use of an extrusion coater such that the film thickness of a coated film of the stimuable phosphor-containing coating solution is 100 μm or more, wherein the stimuable phosphor-containing coating solution is applied such that a

gap A (μm) between a discharge opening at the tip of the extrusion coater and the support, and a film thickness B (μm) of the coated film of the stimuable phosphor-containing coating solution satisfy the following relational expression

$$0.75 \times B + 100 \leq A \leq 1.10 \times B + 130.$$

24. (previously presented): A method of manufacturing a radiation image conversion panel in which a stimuable phosphor-containing coating solution, which contains at least a stimuable phosphor and a binder, is applied to a support by use of an extrusion coater such that the film thickness of a coated film of the stimuable phosphor-containing coating solution is 100 μm or more, wherein the stimuable phosphor-containing coating solution is applied such that a gap A (μm) between a discharge opening at the tip of the extrusion coater and the support, and a film thickness B (μm) of the coated film of the stimuable phosphor-containing coating solution satisfy the following relational expression

$$0.80 \times B + 110 \leq A \leq 1.05 \times B + 130.$$

25. (previously presented): A radiation image conversion panel obtained by the method of manufacturing a radiation image conversion panel in which a stimuable phosphor-containing coating solution, which contains at least a stimuable phosphor and a binder, is applied to a support by use of an extrusion coater such that the film thickness of a coated film of the stimuable phosphor-containing coating solution is in the range of from 300 to 800 μm

wherein the stimuable phosphor-containing coating solution is applied such that a gap A (μm) between a discharge opening at the tip of the extrusion coater and the support, and a film

thickness B (μm) of the coated film of the stimuable phosphor-containing coating solution satisfy the following relational expression

$$0.75 \times B + 100 \leq A \leq 1.10 \times B + 130.$$

26. (previously presented): A radiation image conversion panel according to claim 25, wherein a speed of movement of the support is in the range of from 0.5 to 5 m/min.